

**ENVIRONMENTAL PROTECTION AGENCY**

**NPDES PERMIT APPLICATIONS FROM  
REGULATED SMALL MUNICIPAL**

**SEPARATE STORM SEWER SYSTEMS (MS4s)**

**Environmental Protection Agency  
NPDES Permit Application from Regulated Small Municipal  
Separate Storm Sewer Systems (MS4s)**

**March 2008**

**Introduction**

**E**nvironmental Protection Agency (EPA) regulates the storm water discharge control. The storm water program consists of two phases. The "Phase 1" was promulgated on November 16, 1990. "Phase 1" requires National Pollutant Discharge Elimination System (NPDES) permits for storm water discharges from a large municipality that serving populations of 100,000 or more and several categories of industrial activity. The "Phase 2" of the storm water program, promulgated on December 8, 1999, expands the existing NPDES storm water program "Phase 1". The "Phase 2" requires additional operators of municipal separate storm sewers systems ("MS4s") in urbanized areas, as delineated by the Bureau of the Census. According to EPA the Municipality of Cataño owns and operates a storm sever systems and therefore is required to obtain a permit as described in the NPDS regulations.

This narrative is a general overview to comply with one of the requirements of NPDES "Phase 2". Following, the information that has to be included in the notice of intend application.

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**SEPARATE STORM SEWER SYSTEMS (MS4s)**

- 1) Activities required obtain a National Pollutant Discharge Elimination System (NPDES) permit.

The Municipality of Cataño operates a municipal separate storm sewer system located in Cataño. The following activities required to obtain a NPDES:

- **Maintenance from Municipal Public Works Vehicles**
- **Maintenance of the municipal storm sewer systems**

- 2) Information of the operator of the MS4

Name: **Mr. Ramón L. Negrón Falcon**

- a. **Municipal Water Pump System (In design) : Addendum 1**

- 3) **Addendum 2**, a map with the following information:

- a. **Municipal boundaries**
- b. **Water Pump Systems**
- c. **Municipal Sewer System Locations**
- d. **Waters systems that receive discharges from outfalls**

**Preliminary Storm Sewer System Outfall Locations**

This preliminary outfall locations map has been created, gathering known outfall locations, using the latest aerial photography in conjunction with field surveys. A more detailed work, to locate all storm sewer infrastructure and outfalls will be programmed.

4) Description of the nature of municipal responsibilities

The Municipality of Cataño is a governmental entity that has a responsibility to bring a public service; health service, maintenance of public area recreation facilities, municipal green areas, civil defense and emergency assistance and municipal roads. Under MS4 permit the municipality has a responsibility to maintain in optimum conditions the water sewer systems, storm water management, drainage system maintenance, water pump and maintenance of road gutters. In the Municipality of Cataño, we have the Department of Public works that is responsible of all the above mentioned.

- 5) The square mileage served by the MS4 permit is 5.0 square miles. The Census 2000 classified the city of Cataño as urban. But the sewer systems that are under responsibility of the municipal administration are the ones located on municipal roads only. The following are the different sectors that the Municipal Public Work gives constant inspection and maintenance:

Bo. Pueblo Cataño	Bo. Palmas
La Puntilla El Pueblo	Res. Rosendo Matienzo Cintrón Juana Matos El Coquí I El Coquí II Urb. Vista al Mar Jardines de Cataño Palm Court Las Palmas Bay View Bahía Las Vegas Vista del Morro Marina Bahía Mansión del Parque Mansión del Norte Mansión del Río Mansión del Sur Almira y Pradera Valparaíso Enramada

- 6) Descriptions of the best management practices to be implemented by the applicant or another entity for each of the six storm water minimum control:

## MANAGEMENT PLAN FOR WASTEWATER AND MUNICIPAL SEWAGE DISCHARGE FOR THE MUNICIPALITY OF CATAÑO\_\_\_\_\_

**GOAL:** To reduce pollutants in process wastewater municipal sewer system and Water runoff.

**OBJECTIVE:** 1. Public Education and Outreach

Activities	Indicators	Time Period	Person and Responsible entity
1. Financial and human resources task force identification to be implemented within the plan.	To register all participants with an attendance and evaluation form.	Six (6) months to one (1) year.	Public Works, Planning Office Director and Community leaders
2. To inform and capacitate community leaders as well as territorial ordinance community council.	To register all participants with attendance and evaluation form.	Four (4) to eight (8) months.	Public Works Director, Budget & Planning Director. E.P.A. Seminar, speeches related to the N.P.D.E.S. Program and the Environmental Quality Board/the Solid Waste Authority, San Juan Estuary Office.
3. To inform and capacitate the public work personnel on the N.P.D.E.S. Program.	To register all participants with an attendance and evaluation form.	Four (4) to six (6) months.	Public Works Director, Budget & Planning Director. E.P.A. Seminars, speeches related to the N.P.D.E.S. program, and the environmental quality board/The Solid Waste Authority, Estuary.
4. To conduct conferences related to domestic waste and oil disposal from communities.	To register all participants with an attendance and evaluation form.	One (1) year.	Public Works Office Director. E.P.A. Seminars, speeches related to the N.P.D.E.S. Program and the environmental quality board/The Solid Waste Authority and the Natural Resources Department.
5. Capacitate Municipal Police Officers related to waste and oil disposal policy.	To register all participants with an attendance and evaluation form.	One (1) year.	Public Works Office Director. E.P.A. Seminars, speeches related to the N.P.D.E.S. Program and the environmental quality board/The Solid Waste Authority.
6. To establish a periodical progress bulletin report related to the project.	To issue these bulletins in a time period basis.	Six (6) months	Public Works and Planning Office.

**OBJECTIVE: 2. Public Participation and Involvement**

Activities	Indicators	Time Period	Person and Responsible entity
1. To nominate a Community committee that will include Territorial ordinance Board members and Community Leaders.	To register all participants with an attendance and evaluation form describing their active involvement.	Five (5) years	Public works and Planning Office Director, Territorial Ordinance Board Chairman, Business Chamber Association and the Fishermen Village.

**OBJECTIVE: 3. Illicit Discharge Detection and Elimination**

Activities	Indicators	Time Period	Person and Responsible entity
1.To establish a selective monitoring spots for wastewater discharge.	To prepare and render a report, including an official inspection form.	Five (5) years	Public Works Director.
2.To develop and establish a Municipal Vigilance Patrol Program.	To prepare and render an activities in monthly report.	Five (5) years	Public Works Director, Budget & Planning Director Territorial Ordinance Board Chairman, Business Chamber and Fishermen Village.
3. To evaluate the possibilities of establishing Municipal Legislation to detect violations to enforce the overall program. To establish a periodical progress bulletin report related to the project.	To prepare an evaluation and determination report.	An one (1) year	Public Works Director, Planning Office and the Municipal Legislature Office.
	To issue periodically the bulletins.	Issue six (6) the months	Public Works Director, Budget & Planning Director.

**OBJETIVE: 4. Construction Site Run off Control**

Activities	Indicators	Time Period	Person and Responsible entity
1. Establish a monitoring system of projects under construction to verify the cumpliment with environmental laws and the discharges permits.	Get copy by case of the environmental discharges permits (CEST PLAN).	Five (5) years	Director of Municipal Public Works.

**OBJETIVE: 5. Post-Construction Run off Control**

Activities	Indicators	Time Period	Person and Responsible entity
1. View the first activity of objective number three (3).		Five to ten years	

Activities	Indicators	Time Period	Person and Responsible entity
2. Channels cleaning campaign (Cucharillas, Malaria, Aguas Frias).	Coordination with agency and entities, meetings evidence, permits measures implementation of the project.		Director of Municipal public works/municipal planning office EPA quality environmental board solid waste authority corps of engineer's community organizations municipal emergency management office.  During the last three years event has been done annual cleaning. (View Addendum 3)
3. Constant cleaning storm sewer systems	Inspection of the sewer.	Five years	Municipal emergency management office. (View Addendum 4)

Activities	Indicators	Time Period	Person and Responsible entity
1. Flood Mitigation Plan	Implanting Projects	Five years	Municipal emergency management office, planning office and municipal public works.
2. Multi Hazard Mitigation Plan	Implanting Projects	Five years	Municipal emergency management office, planning office and municipal public works.

**OBJETIVE: 6. Pollution Prevention/Runoff control**

Activities	Indicators	Time Period	Person and Responsible entity
1. View objective number 1			
2. This also concerns the states agencies	Permits obtained regulation agencies.	Five to ten years	States agencies.

- 7) **Addendum 5**, the time schedule with the measurable goals including the months and years in which the action will be taken.
- 8) The person responsible for implementing or coordinating the applicant's storm water management program is Mr. Ramón Negrón, Director of Municipal Public Work.